

## ABSTRACT OF THE DISCLOSURE

On the occasion of transmitting an image information from an image information generating unit to an image information output unit, an image file is composed of an image data (RGB data) used to display an image on a display of the image information generating unit, a color value data (XYZ data in accordance with the CIE) obtained by actually measuring at least one color of the image displayed on the display, a data on a position in the image where color measurement was performed, and a data (including image data format) of an information on the entire image file. In the image information output unit, the color value of the image displayed based on the image data is measured by means of a colorimeter, and the displayed color can be adjusted to a color intended by an image creator by correcting the image data while comparing the obtained measurement value and the received color value data. A recipient can reproduce the image information in colors as intended by the image creator in an image information transmission system.